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## FACSIMILE COVER SHEET

<b>Date:</b>	<b>April 26, 2005</b>	<b>Fax:</b>	<b>703-872-9306</b>
<b>To:</b>	<b>U.S. Patent and Trademark Office</b>		
<b>Commissioner for Patents</b> <b>P. O. Box 1450</b> <b>Alexandria, VA 22313-1450</b>			
<b>From:</b>	<b>Carmen C. Cook</b>		
<b>Serial No.:</b>	<b>10/652,347</b>		
<b>Docket:</b>	<b>MIC-M075</b>		
<b>Re:</b>	<b>Response to Office Action</b>		
<b>Pages:</b>	<b>6 (including cover sheet)</b>		

**Message:**

Re:   Applicant(s):   Bruce L. Inn, Chuck Vinn  
 Assignee:           Micrel, Inc.  
 Title:              Compensator To Achieve Constant Bandwidth In A  
 Switching Regulator  
 Serial No.:        10/652,347  
 Examiner:          Rajnikant B. Patel                   Filed: August 29, 2003  
 Docket No.:        MIC-M075                           Group Art Unit: 2838

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Transmittal Letter (1 page);
- (2) Response to Office Action (4 pages).

The information contained in this message is intended only for the personal and confidential use of the designated recipient(s) named above. This message may be an attorney-client communication and may be protected by the work product doctrine. As such, this document is privileged and confidential. If the reader of this message is not the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and destroy any copies of this document in your possession. Thank you.


 patent law group LLP

 Brian D. Ogonowsky  
 Carmen C. Cook  
 David C. Hsia  
 Rachel V. Leiterman

April 26, 2005

Via Facsimile  
 Mail Stop Amendment  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

Re: Applicant(s): Bruce L. Inn, Chuck Vinn  
 Assignee: Micrel, Inc.  
 Title: Compensator To Achieve Constant Bandwidth In A Switching  
 Regulator  
 Serial No.: 10/652,347  
 Examiner: Rajnikant B. Patel Filed: August 29, 2003  
 Docket No.: MIC-M075 Group Art Unit: 2838

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) This Transmittal Letter (1 page);
- (2) Response to Office Action (4 pages).

No additional fee is required.  
 The fee has been calculated as shown below:

	Claims Remaining <u>After Amendment</u>		Highest No. <u>Previously Paid For</u>		Present <u>Extra</u>	Rate	Additional Fee
Total Claims	21	Minus	21	=	0	x \$50	\$ 0.00
Independent Claims	2	Minus	3	=	0	x \$200	\$ 0.00

Fee of \_\_\_\_\_ for the first filing of one or more multiple  
 dependent claims per application

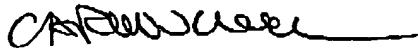
Conditional Petition for Extension of Time: If an extension of time is required for  
 timely filing of the enclosed document(s) after all papers filed with this transmittal have  
 been considered, an extension of time is hereby requested.

Please charge our Deposit Account No. 502226 in the amount of 0.00

Also, charge any additional fees required and credit any overpayment to our Deposit  
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Total: \$ 0.00

Respectfully submitted,



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I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.	
Signature	Date
Carmen C. Cook 4/26/05	

 Carmen C. Cook  
 Attorney for Applicant(s)  
 Reg. No. 42,433

IN THE UNITED STATES PATENT AND TRADEMARK OFFICERECEIVED  
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Applicant: Bruce L. Inn, Chuck Vinn

Assignee: Micrel, Inc.

Title: Compensator To Achieve Constant Bandwidth In A Switching  
Regulator

Serial No.: 10/652,347

Filing Date: August 29, 2003

Examiner: Rajnikant B. Patel

Group Art Unit: 2838

Docket No.: MIC-M075

APR 26 2005

San Jose, California  
April 26, 2005Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed February 10, 2005, Applicant submits the following remarks.

Remarks begin on page 2 of this paper.